



MEETING THE PROJECT MANAGEMENT CHALLENGE

2004

Biography

Sandra A. Cauffman

Deputy Project Manager, GOES - GSFC

Mrs. Cauffman is an engineer and manager with the National Aeronautics and Space Administration (NASA) at the Goddard Space Flight Center (GSFC) in Greenbelt, Maryland.

She is currently the Deputy Project Manager for the GOES-R (Geostationary Operational Environmental Satellite) Program, a multi-million dollar operational geostationary weather satellite that takes images of clouds, measures temperatures, reads the amount of moisture in the atmosphere, and monitors space weather from its vantage point 22,300 miles in space. The National Oceanic and Atmospheric Administration (NOAA) operates the satellite and its data is used by the National Weather Service (NWS) to monitor real-time weather. Mrs. Cauffman is responsible for the procurement, development, design, fabrication, testing, and launch and on-orbit checkout of the entire GOES-R Space Segment. Before joining GOES (again), Mrs. Cauffman served as the Project Formulation Office (PFO) Chief, where she was responsible for planning, implementing, and coordinating all activities related to the development of feasible mission concepts, requirements generation and formulation of new projects to be implemented such as Global Precipitation Mission (GPM), Landsat Data Continuity Mission (LDCM), Solar Dynamic Observatory (SDO), Constellation X, and Laser Interferometer Space Antenna (LISA). Prior to PFO, Mrs. Cauffman worked on GOES as an Instrument Manager, supporting the design, development, fabrication, testing and launch and on-orbit checkout of the GOES-I, J, K Space Environment Monitor and Solar X-Ray Imager instruments. Sandra joined NASA in 1991, when she started as the Ground Systems Manager for the Satellite Servicing Project, where she worked missions such as Hubble Space Telescope (HST) First Servicing Mission, Upper Atmosphere Research Satellite (UARS), Explorers Platform (EP)/Extreme Ultraviolet Explorer (EUVE). Before her NASA life, Sandra worked for Engineering and Economics Research (EER).

Mrs. Cauffman holds two bachelor degrees, Physics and Electrical Engineering, from George Mason University. She also holds a Masters Degree in Electrical Engineering from George Mason University.

Mrs. Cauffman, her husband, and two sons, live in Arlington, Virginia. Mrs. Cauffman enjoys running, cycling, and a good book. Mrs. Cauffman was born in Costa Rica and is fluent in Spanish.



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